

Converting Colors

CIELCh(77, 30.389, 296.430)

Have a look what the booklet for
CIELCh(77, 30.389, 296.430)
contains.

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Color

CIELCh(77, 30.244, 296.619)

Conversions

Conversions Part 1

Format	Color
Hex	BEB8F0
RGB	190, 184, 240
RGB Percent	75%, 72%, 94%
CMY	0.2548, 0.2783, 0.0587
CMYK	0.21, 0.23, 0.00, 0.06
HSL	246°, 65%, 83%
HSV	246°, 23%, 94%
XYZ	54.1164, 51.5317, 89.5492
YIQ	192.1780, -14.4000, 18.6880

Conversions

Conversions Part 2

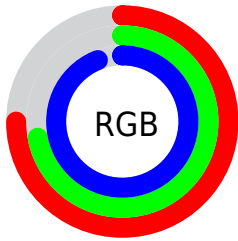
Format	Color
R _Y B	190, 184, 240
Decimal	12499184
CIE Lab	77.00, 13.55, -27.04
CIE LCh	77, 30.244, 296.619
Yxy	51.5317, 0.2772, 0.2640
Android (android.graphics.Color)	4290689264 (0xFFBEB8F0)
YUV	192.1780, 23.5762, -1.9101
Hunter-Lab	71.7856, 8.9394, -23.7116

Details

The CIELCh color `77, 30.244, 296.619` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `93, 28.650, 112.494`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 8.110, 308.150`, and `57, 30.381, 296.780` is the 20% darker color. If you saturate the color by 10%, you get `69, 44.102, 297.843`, and if you desaturate by 10%, it is `85, 16.934, 295.563`.

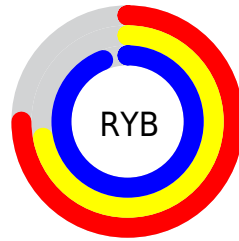
Distribution



Red (75%)

Green (72%)

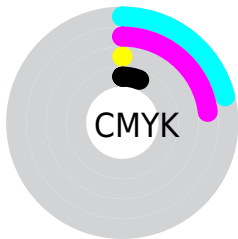
Blue (94%)



Red (75%)

Yellow (72%)

Blue (94%)

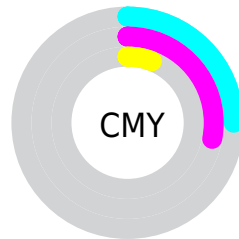


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (6%)



Cyan (25%)


Magenta (28%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 30.244, 296.619 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 77, 30.244, 296.619 by changing the saturation by 10% instead.


 77, 30.244,
296.619


 77, 30.244,
296.619


 100, 30.244,
296.619


 67, 30.244,
296.619


 97, 30.244,
296.619

 57, 30.244,
296.619

 47, 30.244,
296.619

 37, 30.244,
296.619

 27, 30.244,
296.619

 17, 30.244,
296.619

 7, 30.244, 296.619

■ 0, 30.244, 296.619

■ 77, 30.244,
296.619

■ 77, 30.244,
296.619

■ 69, 44.102,
297.843

■ 85, 16.934,
295.563

■ 62, 58.505,
299.246

■ 92, 4.155, 294.664

■ 54, 73.352,
300.813

■ 100, 7.588,
111.443

■ 47, 88.344,
302.485

■ 100, 7.581,
109.600

■ 41, 102.766,
304.125

■ 36, 115.242,
305.501

■ 32, 123.859,
306.329

■ 31, 127.209,
306.583

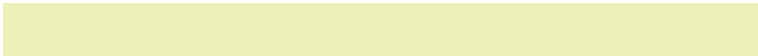
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77, 30.244, 296.619



93, 28.650, 112.494

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77, 30.244, 296.619



77, 30.244, 346.619



77, 30.244, 116.619



77, 30.244, 166.619

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77, 30.242, 296.618



94, 9.227, 294.978



90, 16.834, 208.388



50, 6.002, 295.031



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 30.242, 296.618



78, 38.496, 297.179



79, 32.178, 313.505



46, 7.156, 295.198



22, 103.941, 306.651



3, 38.090, 301.246

Inverse Universe

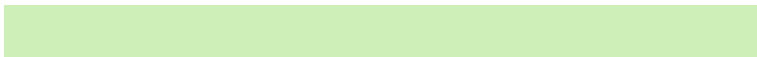
The Inverse Universe completely reimagines the original color for something new.



81, 33.031, 328.856



83, 41.608, 329.142



91, 31.388, 131.437



47, 7.998, 328.017



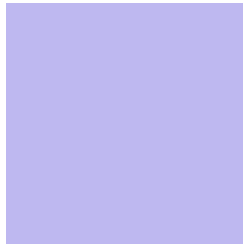
42, 83.024, 333.012



10, 36.668, 332.280

Previews

White Background



This preview shows how the CIELCh color 77, 30.244, 296.619 looks on a white background.

Color Contrast Check

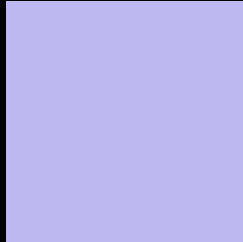
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 77, 30.244, 296.619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

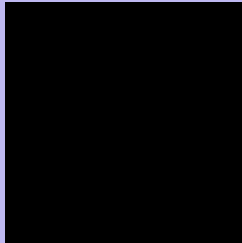
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 30.244, 296.619

Background



This preview shows how black text looks on a background with the CIELCh color 77, 30.244, 296.619.



This preview shows how white text looks on a background with the CIELCh color 77, 30.244, 296.619.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

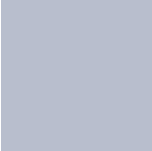
77, 30.244, 296.619

Protanopia

77, 29.677, 285.430

Deuteranopia

77, 29.031, 290.880



Tritanopia
77, 8.293, 276.078

Trichromacy



Original Color
77, 30.244, 296.619

Protanomaly
77, 29.566, 289.094

Deuteranomaly
77, 29.600, 293.481

Tritanomaly
77, 16.129, 289.209

Monochromacy



Original Color
77, 30.244, 296.619

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 10.780, 294.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 30.244, 296.619 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(190, 184, 240)` looks like.

```
.text, #text, p{  
    color:rgb(190, 184, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(190, 184, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 184, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 30.244, 296.619 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 184, 240) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(190, 184, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(190, 184, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 184, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 184, 240);  
box-shadow:4px 4px 4px 4px rgb(190, 184,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 30.244, 296.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 184, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(190,  
184, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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